

MODEL EPITHELIAL CELL CULTURES

ABSTRACT OF INVENTION

In one aspect, the invention provides cell cultures and
5 culture conditions that facilitate the establishment of an
intestinal epithelial cell culture that has characteristics
of the intestinal epithelium, such as: transepithelial
electrical resistance, enzyme expression and microvilli
morphology. Cell cultures of the invention may use fatty
10 acids such as sodium butyrate and kinase modulators such as
2-{1-[3-(amidinothio)propyl]-1*H*-indol-3-yl}-3-(1-
methylindol-3-yl)-maleimide methanesulfonate.